

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  01649/1	<b>FOR FURTHER ACTION</b>  see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/IB2004/004187	International filing date (day/month/year)  15/12/2004	(Earliest) Priority Date (day/month/year)  19/12/2003
Applicant  PHARMACIA CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

CRYSTALLINE FORM OF 2-{4-'3-(4-CHLORO-2-FLUOROPHENYL)-4-PYRIMIDIN -4-YL-1H-PYRAZOL-5-YL! PIPERIDIN -1-YL}-2-OXOETHANOL

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

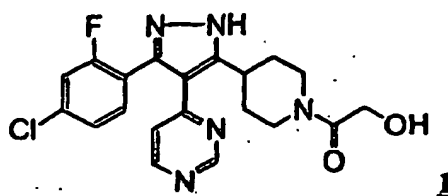
## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2004/004187

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

Crystalline form of the p38 kinase inhibitor 2-{4-[3-(4-chloro-2-fluorophenyl)-4-pyrimidin-4-yl-1H-pyrazol-5-yl]piperidin-1-yl}-2-oxoethanol can be used is provided. The crystalline form is a hydrated crystalline form. Also provided are combinations and pharmaceutical compositions comprising the crystalline form, process for preparing the crystalline form and for preparing compositions comprising the crystalline form, in methods for the prophylaxis and/or treatment of a p38 kinase-mediated condition comprising administering to a subject a therapeutically effective amount of the crystalline form of 1.



## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/004187

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C07D401/14 A61K31/495 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/104223 A (PHARMACIA CORPORATION; BENSON, ALAN, G; FRAHER, THOMAS, PHILLIP; HEPPE) 18 December 2003 (2003-12-18) cited in the application example 27	1-13
A,P	WO 2004/075852 A (PHARMACIA CORPORATION; RUDOLPH, AMY, E; ROCHA, RICARDO; CARRETERO, OSC) 10 September 2004 (2004-09-10) Cpd. P-48	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

**\* Special categories of cited documents:**

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

04/04/2005

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Authorized officer

Fritz, M

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/IB2004/004187

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03104223	A	18-12-2003	BR 0311619 A	08-03-2005
			CA 2488402 A1	18-12-2003
			EP 1511743 A1	09-03-2005
			WO 03104223 A1	18-12-2003
			US 2004082551 A1	29-04-2004
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WO 2004075852	A	10-09-2004	US 2004167197 A1	26-08-2004
			WO 2004075852 A2	10-09-2004
			WO 2004075857 A2	10-09-2004
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